User:

Friday, 07/12/2007 1:19:47 PM

Linda Lacelle

**Process Sheet** 

Customer

: CU-DAR001 Dart Helicopters Services

S.O. No. : Alar

Job Number : 36169 **Estimate Number** 

: 10741

P.O. Number

: NA

: 07/12/2007 This Issue Prsht Rev.

: NC : M/x

First Issue : 36169

**Previous Run** 

Written By

**Checked & Approved By** 

Comment

: Est:

A 05,05/12 New issue KJ/JLM Est Rev:B

Type

As per Rev B 06-03-24 JLM Est Rev:C now water jet 07-12-06 DD

: SMALL /MED FAB

**Drawing Name** 

: WEARPLATE

Part Number

: D33151

**Drawing Number** Project Number

Material

. D3315 REV. B : N/A

**Drawing Revision** 

: B :NA

: 24/12/2007 **Due Date** 

Qty:

6 Um:

Each

**Additional Product** 

Job Number:



Seq. #:

**Machine Or Operation:** 

Description:

1010/1025/A21/6aA SHEET

1.0

M1010S16GA

Comment: Qty.:

1.7628 sf(s)/Unit Total:

10.5768 sf(s)

1010/1025/A21/6aA SHEET

batch 105706

2.0

WATER JET

FLOW WATER JET



**Comment: FLOW WATER JET** 

1-Cut as per Dwg D3315

Dwg Rev:\_\_ Prog Rev:\_ HB 07-12-10



2-Deburr if necessary

3.0 QC2

B 07-12-10



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0

QC8

SECOND CHECK



Comment: SECOND CHECK

SMALL FAB 1

5.0

SMALL & MEDIUM FAB RESOURCE 1

Comment: SMALL & MEDIUM FAB RESOURCE 1

Deburr if necessary

@ step # 2.2

· ·	lay, 07/12/2007 1:19:47 PM da Lacelle	Process Sheet
Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name: WEARPLATE
Job Number:	36169	Part Number: D33151
Job Number:		
Seq. #:	Machine Or Operation:	Description :
6.0	BRAKE NC	NC BRAKE
Comm	ent: NC BRAKE	R
		n joggle using DT8157 as per Dwg D3315 Rev: <u> </u>
7.0	QC6	DIMENSIONAL CHECK
	ent: DIMENSIONAL CHECK	LARCE FARRICATION DESCRIPCE 1
8.0	LARGE FAB 1	LARGE FABRICATION RESOURCE 1
Comm	ent: LARGE FABRICATION RESOURC	
V	Qty Part Number Description A/R N/A 7560 Hardcoa	
9.0 `	QC9 /QC.5	QC5-5 A12/11
10.0	ent: VISUAL WELDING INSPECTION POWDER COATING	POWDER COATING
10.0		4 10564Z
Comm	ent: POWDER COATING Powder Coat Grey Sandtex (Ref: 4.	
11.0	QC3	INSPECT POWDER COAT/CHEMICAL CONVERSION
*		m
12.0	ent: INSPECT POWDER COAT PACKAGING 1	PACKAGING RESOURCE #1
Comm	ent: PACKAGING RESOURCE #1	
	TCCA-PDA, Dart Aerospace Ltd.	ermanent fine point marker with the following:
	P/N: D3315-1, B/N: BXXXXX For Product Eligibility see PDA04-1 and Stock Location: 51-96	1 / S 04/2/12 (NO)

Date:

Friday, 07/12/2007 1:19:47 PM

Linda Lacelle User:

**Process Sheet** 

Customer: CU-DAR001 Dart Helicopters Services

**Drawing Name: WEARPLATE** 

Job Number: 36169

Part Number: D33151

Job Number:



Seq. #:

**Machine Or Operation:** 

Description:

13.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



N 07.1212

Qty:

6 Um:

Each

: WEARPLATE

: D3315 REV. B

: 24/12/2007

: D33151

: N/A

: B

Friday, 07/12/2007 7:42:43 AM

User:

Linda Lacelle

### **Process Sheet**

**Drawing Name** 

**Part Number** 

Material **Due Date** 

**Drawing Number** 

**Project Number** 

**Drawing Revision** 

Customer

: CU-DAR001 Dart Helicopters Services

Type

S.O. No. :

Job Number

: 36169

**Estimate Number** 

: 10741

P.O. Number

This Issue

: 07/12/2007 : NC

: 25725

Prsht Rev. First Issue : //

**Previous Run** 

Written By

**Checked & Approved By** 

Job Number:

Seq. #:

1.0

Comment

**Additional Product** 

: Est: Est Rev\B

As per Rev B 06-03-24 JLM

: PURCHASED PARTS

05.05.12 New issue KJ/JLM

Description:

**PURCHASING** 

PG

**Machine Or Operation:** 

Comment: PURCHASING

Issue P/O:\_

Email or Ship DXF file to vendor

Laser Cut flat pattern per Dwg D3315 Possible Supplier: Industrial Laser

Material release note is required

2.0 D33151F

Comment: Qty.:

Vearplate, LH Fwd

1.0000 Each(s)/Unit Total: 6.0000 Each(s)

WEARPLATE LH FWD

PACKAGING 1

PACKAGING RESOURCE #1

Comment: PACKAGING RESOURCE #1

Recieive & Inspect for Transit Damage Ensure Material Release Note is attached

4.0

3.0 ·

QC6

DIMENSIONAL CHECK

Comment: DIMENSIONAL CHECK

Inspect dimensions as per inspection template D3315-1T2

5.0

SMALL & MEDIUM FAB RESOURCE 1

Comment: SMALL & MEDIUM FAB RESOURCE 1

Deburr if necessary



## **Dart Aerospace Ltd**

W/O:		WORK ORDER	CHANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #: Fault Category:	NCR: Yes	No DQA	<b>A</b> :	Date: _	
			QA: I	N/C Closed	d:	Date:	

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section E	}	Verification	A 1	Approval QC Inspector			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng				
		•									

<b>'Date:</b> , Frid	lay, 07/12/200°	7 7:42:43 AM		
User: Lind	da Lacelle		Process Sheet	•
Customer	CL-DAR001	Dart Helicopters Services	Drawing Name: WEAR	PLATE
Oustonier.	OO-DAILOOT	Dart Helicopters Services	Diawing Name. WEAR	
Job Number:	36160		Dard Marris and D22151	1
	30103	1111 <b>6 Billi ita</b> a anga sang 1861	Part Number: D3315	<u> </u>
Job Number:				
Seq. #:	Machine Or	Operation:	Description	1:
6.0	BRAKE NC		NC BRAKE	
				1 10 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Comme	ent: NC BRAH	KE \		
	1- Form ເ	using DT8751 Die as per Dwg	D3315 Rev:	
	2- Form t	using DT8179 Die and form∖jog	ggle using DT8157 as per Dwg D3315	Rev:
7.0	QC6		DIMENSIONAL CHECK	
Comme	ent: DIMENSI	ONAL CHECK		
8.0	LARGE FAB	1	LARGE FABRICATION RESOURCE 1	
Comme	ent: LARGE F	ABRICATION RESOURCE 1		·
	Weld har	d surface using D3315-1T3 as	per QSI 004 and Dwg D3315 Rev:	<u> </u>
	Qty Pa	rt Number Description	∖Batch	
	A/R N/A	7560 Hardcoat R	od \	
9.0	QC9		VISUAL WELDING INSPECTION	
				<u> </u>
Comme	ent: VISUAL V	VELDING INSPECTION	\	
10.0	POWDER CO		POWDER OPATING	
			\	
				[   ARTIN   BIBLE (RAIN BRA) FOR
Comme	ent: POWDEF			
		oat Grey Sandtex (Ref: 4.3.5.	· · · · · · · · · · · · · · · · · · ·	
11.0	QC3		INSPECT POWDER COAT/CHEMICAL	CONVERSION
			\	
				A LEGISTE RAILE ALGERT HAR LANGE HAR L
		POWDER COAT		
12.0	PACKAGING	1	PACKAGING RESOURCE #1	1100111 10001 11001 1101
			\	
Comme		NG RESOURCE #1		
		- ·	nent fine point marker with the followin	g:
•		A, Dart Aerospace Ltd.		
		15-1, B/N: BXXXXX		
		ct Eligibility see PDA04-17		
	and Stock			
<del></del>	Location:_			
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				<b>\</b> .
	•			

## Dart Aerospace Ltd

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W/O:			WC	RK ORDER CHANGE	S		<del></del>		
DATE	STEP	PR	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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					QA: N	C Close	d:	_ Date: _	
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DATE	0750	Description of NC		Corrective Action Section		Verific	ation	Approval	Approval
DATE	SIEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C		Chief Eng	QC Inspector
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				·					

Date: " User:

Friday, 07/12/2007 7:42:43 AM

Linda Lacelle

**Process Sheet** 

Customer: CU-DAR001 Dart Helicopters Services

Job Number: 36169

Part Number: D33151

Drawing Name: WEARPLATE

Job Number:



Seq. #: **Machine Or Operation:** 

Description:

13.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE



Job Completion



Dart Ae	rospace	e Ltd							
W/O:			WORK ORDER C	HANGES					
DATE	STEP	PRO	OCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
						,			
Part No	:	PAR #:	Fault Category:	NCR	: Yes	No DQA	۸:	_ Date: _	·
					QA: N	/C Closed	l <b>:</b>	_ Date: _	
NCR:			WORK ORDER NON-CONF	ORMANCE	(NCR	<b>(</b> )	-		
DATE	STEP	Description of NC	Corrective Action	<del></del>	Sign &	Verific		Approval	Approval OC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B		Verification	Approval	Approval			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector			
				•							

rospace Ltd	İ						
		WORK ORDER	CHANGES				
STEP	PRO	DCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
					<u></u>		
	PAR #:	Fault Category:	NCR: Yes	No <b>DQ</b>	A:	_ Date: _	
			QA:	N/C Close	d:	_ Date: _	
	\	WORK ORDER NON-CON	FORMANCE (NO	R)			
	STEP	:PAR #:	STEP PROCEDURE CHANGE  : PAR #: Fault Category:	WORK ORDER CHANGES           STEP         PROCEDURE CHANGE         By           :	WORK ORDER CHANGES  STEP PROCEDURE CHANGE By Date  By Date  PAR #: Fault Category: NCR: Yes No DQ	WORK ORDER CHANGES  STEP PROCEDURE CHANGE By Date Qty  By Date Qty  PAR #: Fault Category: NCR: Yes No DQA: QA: N/C Closed:	WORK ORDER CHANGES           STEP         PROCEDURE CHANGE         By         Date         Qty         Approval Chief Eng / Prod Mgr           :

NCR:			WORK ORDE	ER NON-CONFORMAN	CE (NCR)			
		Description of NC		Corrective Action Section E	3	Verification	Approval Chief Eng	<b>A</b>
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C		Approval QC Inspecto

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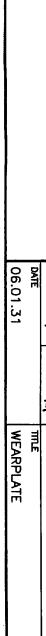
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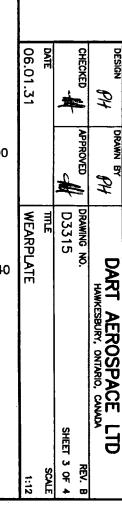
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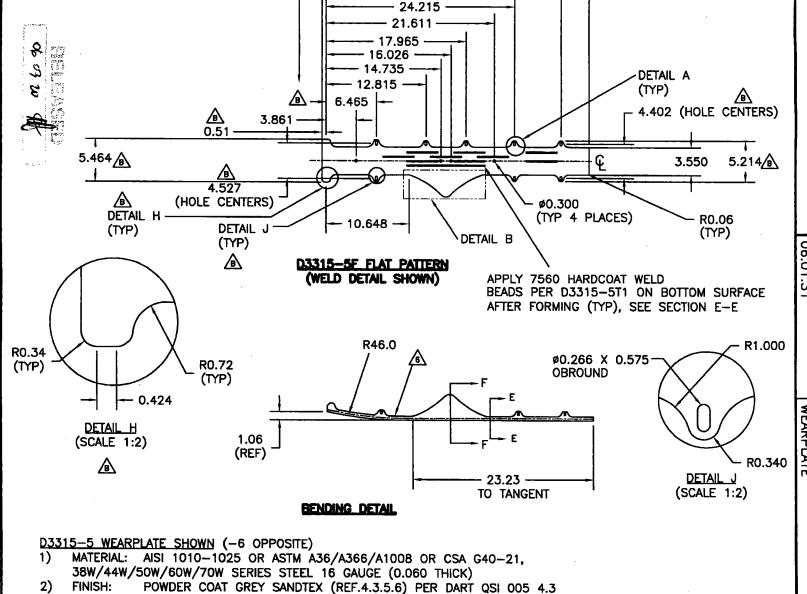
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Dart Ae	rospace	Ltd							
W/O:			WC	ORK ORDER CHANGES					
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	gory: N					
					QA: N	/C Close	d:	_ Date: _	
NCR:			WORK ORDI	ER NON-CONFORMANC	E (NCR	)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section B Action Description Chief Eng	Sign &	Verific Secti		Approval Chief Eng	Approval QC Inspector
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**PURPOSE** 

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WELD PER DART QSI 004

ALL DIMENSION ARE IN INCHES

IDENTIFY ON INSIDE SURFACE AS INDICATED

"TCCA-PDA, DART AEROSPACE LTD., P/N D3315-X

B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA05-17"

TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

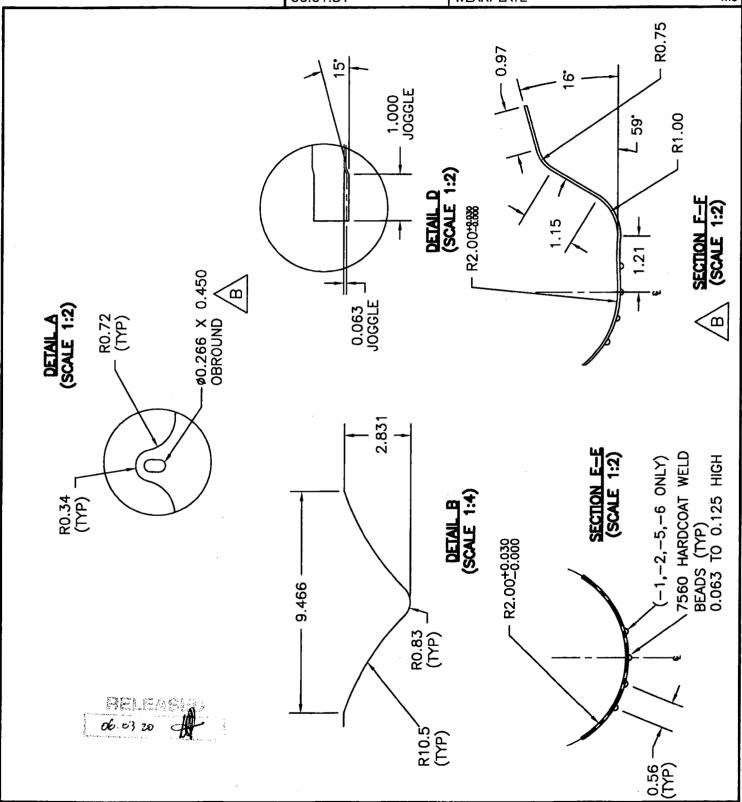
# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES	<u> </u>				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #: Fault Category: NO	CR: Yes	No DQ	<b>A</b> :	Date:	
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NCR:			WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B	rrective Action Section B		Annroyal	Annewal				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector				
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design PH	DRAWN BY		OSPACE LTD ONTARIO, CANADA
CHECKED	APPROVED	DRAWING NO.	REV. B
-	-	D3315	SHEET 4 OF 4
DATE		TITLE	SCALE
06.01.31		WEARPLATE	NTS



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Dart Ae	rospace Liu											
W/O:		WORK ORDER CHANGES										
DATE	STEP	PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
Part No	:	PAR #:	Fault Category:	NCR: Ye	s No DQ	A:	Date: _					
				QA	: N/C Close	ed:	Date: _					
NCR:			WORK ORDER NON-CON	FORMANCE (NO	CR)							

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
DATE STEP	Description of NC		Corrective Action Section B	Varification	<b>A 1</b>					
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DART AEROSPACE LTD	Work Order:	36169		
Description: WEAR PLATE	Part Number:	D 3315-1		
Inspection Dwg: D3315-1 Rev: B	·	Page 1 of 1		

# FIRST ARTICLE INSPECTION CHECKLIST

X	First	Article		Prototype
		× 14 70 C 3 TO	i	., , , , , , , , , , , , , , ,

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	
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.766	.010	2.71	X			
.450	7/2 .010	1455	<b>*</b>			
022, 5	4-010	3.554	¥			,
5,464	4010	5.457	*			,
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4.402	t/0to	4.401	8			
1.334	1/010	1.774	*			
72.C	4036	2.57	×			
6.6.3	4/- 1010	6.273	de			
8.324	+/010	8.234	2			
9.515	4010	9.515	<b>≯</b> €			
11.439	4/010	11.439	X			
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Measured by: KS		Audited by:		Prototype Approval:	i/l	
Date: 67-13-16		Date: 12/12/18		Date:	/	4
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Rev	Date	Change		 Revised by	Approved
A	· · · · · · · · · · · · · · · · · · ·	New Issue		KJ/JLM	